Index of Claims

| Application | No. |
|-------------|-----|
|-------------|-----|

09/835,491

Examiner

Applicant(s)

OZAWA ET AL.

Art Unit

Thoi V Duong

2871

√ Rejected
= Allowed

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   |                                |

Restricted

|   | Z | Non-Elected  |
|---|---|--------------|
| ĺ | - | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cli         | aim      | Date      |  |  |              |              | Claim Date                                       |          |  |          |          |          |          |          | _        | Cl       | aim      | Date     |          |          |          |           |          |                    |               |        |                |          |                 |          |          |
|-------------|----------|-----------|--|--|--------------|--------------|--|----------|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|--------------------|---------------|--------|----------------|----------|-----------------|----------|----------|
| — <u>"</u>  | Ī        |           |  |  |              |              |  | <u> </u> |  | $\vdash$ |          |          | Ť        | 1        | _        |          |          | $\dashv$ |          |          | Date     |           |          |                    |               |        |                |          |                 |          |          |
| Final       | Original | 033       | }  |  |              |              |  |          |  |          | Final    | Original |          |          |          |          |          |          |          | į        |          | Final     | Original |                    |               |        |                |          |                 |          |          |
|             |          |           | 1  |  | L            |              | L  |          |  |          |          |          |          |          |          | _        |          |          |          |          |          |           |          |                    |               |        |                |          |                 |          |          |
|             | (1)      | V         | <u>_</u>   |  | L            |              |  | L        |  | _        | L        | 51       |          |          |          |          |          |          |          |          |          | L         | 101      |                    | ┸             | ┸      | L              |          |                 |          |          |
|             | 2        | V         |  |  |              |              | L  |          |  |          |          | 52       |          |          |          |          |          |          |          |          |          |           | 102      |                    |               |        |                |          |                 |          |          |
|             | -8-      | $oxed{L}$ |  |  | <u>L</u> .   |              | <u> </u>   |          |  |          |          | 53       |          |          |          |          |          |          |          |          |          |           | 103      |                    |               |        |                |          |                 |          |          |
|             | 4        | V         |  |  |              |              |  |          |  |          |          | 54       |          |          |          |          |          |          |          |          |          |           | 104      |                    | Ī             |        |                |          |                 |          |          |
|             | 5        | 1         |  |  |              | Γ            | Γ  |          |  |          |          | 55       |          |          |          |          | П        | П        |          |          | 7        |           | 105      |                    |               |        |                |          |                 |          |          |
|             | 6        | 7         | Г  |  |              |              |  |          |  |          |          | 56       |          |          |          | $\neg$   |          |          |          |          |          |           | 106      |                    |               | T      |                |          |                 |          |          |
|             | 7        | 7         |  |  |              | Γ            | Γ  |          |  |          |          | 57       |          |          |          |          | ╗        | П        | T        |          |          |           | 107      |                    |               |        |                |          |                 |          |          |
|             | 8        | V         |  |  |              |              | Π  |          | П  | $\neg$   |          | 58       |          |          |          |          |          |          | _        |          |          |           | 108      |                    |               | Т      |                | Γ        |                 | ヿ        |          |
|             | 9        | 7         | 7  |  |              |              |  |          | П  | $\neg$   |          | 59       |          |          |          |          |          |          |          |          |          |           | 109      | $\Box$             | $\neg \vdash$ |        | Π              | Γ        |                 | T        | $\neg$   |
|             | (10)     | V         |  | Г  |              |              |  |          | П  |          |          | 60       |          |          |          |          | T        |          | ヿ        |          |          |           | 110      |                    | $\top$        | 1      |                |          |                 |          |          |
|             | 11       | Г         | П  | П  | П            | Г            |  |          | П  | $\neg$   |          | 61       |          |          |          |          |          |          |          |          | 1        |           | 111      |                    | $\neg$        |        |                |          |                 |          | ヿ        |
|             | 12       | Π         | Π  |  |              | П            |  |          | $\Box$   |          |          | 62       |          | П        | $\Box$   | $\dashv$ | ヿ        | $\neg$   | 一        | T        | $\neg$   |           | 112      |                    | $\top$        | Ì      | Т              | Г        | $\Box$          | $\dashv$ | ᅦ        |
|             | 13       | Γ         | П  |  |              | П            | Г  |          | $\Box$   | $\neg$   |          | 63       |          | П        | $\Box$   | 一        | $\neg$   | $\neg$   | 一        | $\neg$   | 7        |           | 113      |                    | 1             | 1      | Г              | Г        | $\Box$          | 寸        | $\neg$   |
|             | 14       | Γ         | П  | Г  | Π            | Π            |  | П        | П  | $\neg$   |          | 64       | П        | П        | $\Box$   | _        | _        | _        | $\neg$   | 寸        |          |           | 114      |                    | $\top$        | T      | 1              |          | $\Box$          | 寸        | ╗        |
|             | 15       | Γ         | 1  | П  |              | Π            |  |          |  | $\neg$   |          | 65       |          | П        | $\Box$   | $\dashv$ | ┪        | $\neg$   | 一        | $\dashv$ | 1        |           | 115      | $\Box$             | 十             | $\top$ | 1              | Π        | Н               | $\dashv$ | ╗        |
|             | 16       | Г         |  | Т  | T            |              |  |          | $\Box$   | _        |          | 66       |          |          | $\Box$   | 一        | T        | 寸        | $\neg$   |          |          |           | 116      | $\dashv$           | 1             | +      | 1              | Ħ        |                 | $\dashv$ |          |
|             | 17       |           |  | Ι-   |              |              |  |          | П  | _        |          | 67       |          |          | $\neg$   |          | ┪        |          | ┪        | 1        |          |           | 117      | T                  | 1             | T      | <del> </del>   | ┢        |                 | $\dashv$ | ヿ        |
|             | 18       | Г         |  | <u> </u>   | ┢            | T            |  | $\vdash$ |  | $\neg$   |          | 68       |          |          |          | $\dashv$ | $\dashv$ | 一        | _        | _        |          |           | 118      |                    | 1             | $\top$ | 1              | T        |                 | 7        | $\dashv$ |
|             | 19       |           | T  |  |              | t            |  |          | Н  | _        |          | 69       |          | Н        | $\dashv$ | $\neg$   | 寸        | 寸        | $\dashv$ | _        | _        |           | 119      | $\dashv$           | $\top$        | $\top$ | $\vdash$       | lТ       |                 | $\dashv$ | ᅥ        |
| _           | 20       | Н         | <u> </u>   |  | <del> </del> | t            |  | $\vdash$ | $\vdash$   |          |          | 70       |          | Н        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | 十        | _        | h —       | 120      | $\vdash$           | 十             | +      | $\vdash$       | H        | $\vdash$        | $\dashv$ | ᅥ        |
|             | 21       | $\vdash$  | ╁╌   | ╁  | $\vdash$     | $\vdash$     | Н  | $\vdash$ |  | $\dashv$ |          | 71       | _        | Н        | $\dashv$ | $\dashv$ | $\dashv$ |          | ┪        | $\dashv$ | _        |           | 121      |                    |               | +-     | ╁┈             | Н        | $\dashv$        | +        | $\dashv$ |
|             | 22       | ┢         | ╁  |  | H            | t            | ┢  | $\vdash$ | <del>                                     </del> | $\dashv$ |          | 72       | $\vdash$ | Н        | $\dashv$ | $\dashv$ | $\dashv$ | ᅱ        | ᅥ        |          | -        | $\vdash$  | 122      | -                  |               | +      | $\vdash$       | Н        | $\dashv$        | +        | 一        |
|             | 23       | ┢         | $\vdash$   | ┢  | ╁╌           | +-           | ┢  | $\vdash$ | $\vdash$   | $\dashv$ |          | 73       | H        | $\vdash$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | ┪        | -+       | $\dashv$ |           | 123      | $\vdash$           | +             | +      | ╆              |          |                 | -+       | ᅱ        |
|             | 24       | -         | ┢╌   | ╁┈   | ┢            | $\vdash$     |  | $\vdash$ | $\vdash$   | _        |          | 74       | -        | $\vdash$ | $\vdash$ | $\dashv$ | $\dashv$ | ┪        | $\dashv$ | +        | $\dashv$ | <u> </u>  | 124      | -                  | $\dashv$      | ╫      | ╫              | -        | $\dashv$        | $\dashv$ | $\dashv$ |
|             | 25       | ┢┈        | <del>                                     </del> | ╁  | ⊢            | -            |  | $\vdash$ |  | $\dashv$ | -        | 75       | -        | Н        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | ᅱ        | -+       | $\dashv$ |           | 125      | +                  |               | +      | $\vdash$       | $\vdash$ | $\dashv$        | $\dashv$ | $\dashv$ |
| -           | 26       | ┢         | ├  | ┢  | $\vdash$     | $\vdash$     |  | -        |  | $\dashv$ |          | 76       |          |          | -        | $\dashv$ | ᅱ        | $\dashv$ | ᅱ        | -+       | $\dashv$ |           | 126      |                    | +-            | ╁      | $\vdash$       | $\vdash$ | $\dashv$        | $\dashv$ | $\dashv$ |
| $\vdash$    | 27       | ┢         | ╁  |  | -            | ┢            |  | $\vdash$ | Н  | $\dashv$ | -        | 77       | $\vdash$ | -        | $\dashv$ |           | 127      | $\vdash$           | +             | +      | ╁              | -        | -               | $\dashv$ | $\dashv$ |
| $\vdash$    | 28       | ┝         | ╁  | ╁  | ┢╾           | ╁            |  | $\vdash$ | Н  | $\dashv$ | -        | 78       | -        | H        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          |          | -         | 128      |                    | +             | +-     | ┢              | $\vdash$ | $\dashv$        | $\dashv$ | $\dashv$ |
| $\vdash$    | 29       | -         | <u> </u>   |  | H            | ╁            | <del> </del>                                     | H        | H  | $\dashv$ | -        | 79       | $\vdash$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\vdash$  | 129      | +                  |               | +      | -              | $\vdash$ | $\dashv$        | +        | ᅥ        |
|             | 30       | $\vdash$  | ┢  | -  | -            | $\vdash$     | -  |          | -  | -1       |          | 80       |          | H        |          | -        | +        | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\vdash$  | 130      |                    | +             | +      | +-             | -        | $\vdash$        | -        | $\dashv$ |
| -           | 31       | -         | ┢  | ┢  | -            | $\vdash$     | $\vdash$   | Н        | -  |          | -        | 81       | -        | Н        | $\dashv$ |          |          | -+       | -        | +        | $\dashv$ | <u> </u>  | 131      |                    | +             | +      | ╁              | -        |                 | -+       | $\dashv$ |
|             | 32       | ┝╌        |  |  | $\vdash$     | H            |  |          | $\vdash$   |          | -        | 82       | $\vdash$ | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | -        | ┥        | $\vdash$  | 132      | $\dashv$           | -             | ╁      | ╁              |          | $\vdash$        | -+       | $\dashv$ |
|             | 33       | -         | ╁  | ⊢  | $\vdash$     | -            | -  | $\vdash$ | Н  |          | -        | 83       | $\vdash$ | -        | $\dashv$ |          | $\dashv$ | -        | -        | +        | $\dashv$ | $\vdash$  | 133      |                    | +             | ╁      | ╁              | -        |                 | -+       |          |
| -           | 34       | -         | $\vdash$   | $\vdash$   | 1            | +            | ├  | $\vdash$ | $\vdash \vdash$                                  | $\dashv$ | $\vdash$ | 84       |          | $\vdash$ | $\dashv$ | $\dashv$ | -+       |          |          | $\dashv$ | $\dashv$ | $\vdash$  | 134      |                    | +             | +      | ╁              | ⊢        | $\vdash$        | $\dashv$ | ᅱ        |
| <del></del> | 35       | ┝         | $\vdash$   | $\vdash$   | $\vdash$     | <del> </del> | ├  | $\vdash$ | ┝╌┥  | $\dashv$ | <u> </u> | 85       | $\vdash$ | $\vdash$ | $\dashv$ |          | +        |          | $\dashv$ | +        | $\dashv$ | $\vdash$  | 135      | -                  | +             | +      | +-             | ├        | -               | $\dashv$ | $\dashv$ |
| -           | 36       | $\vdash$  | $\vdash$   | -  | $\vdash$     | +-           | <del>                                     </del> | $\vdash$ | $\vdash \vdash$                                  | $\dashv$ | $\vdash$ | 86       | $\vdash$ | Н        | -        |          |          | $\dashv$ | -        | +        | $\dashv$ | $\vdash$  | 136      | $\vdash$           | +             | +      | -              | ⊢        | $\vdash$        | -+       | _        |
| -           | 37       | $\vdash$  | ╁  | $\vdash$   | ├            | $\vdash$     | $\vdash$   | Н        | $\vdash \vdash$                                  | $\dashv$ | -        | 87       | $\vdash$ | Н        | $\dashv$ | -        | +        | $\dashv$ | -        | $\dashv$ | -        |           | 137      | +                  | +-            | +      | 1              | ⊢        | $\vdash\vdash$  | $\dashv$ | -        |
|             | 38       | ⊢         | -  | <del> </del>                                     | $\vdash$     | ├-           | 1  |          |  | $\dashv$ | -        | 88       | $\vdash$ | $\vdash$ |          | $\dashv$ | -        | $\dashv$ | -        | +        | $\dashv$ |           | 137      | $\vdash$           | +             | +      | -              | ⊢        |                 | $\dashv$ | -        |
|             | 39       | $\vdash$  | $\vdash$   | -  | -            | $\vdash$     | -  | $\vdash$ | $\vdash \vdash$                                  | $\dashv$ | <u> </u> |          | -        | Н        | $\dashv$ |          | -        | -        | -        | +        | $\dashv$ |           | 138      |                    |               | +      | $\vdash$       |          |                 |          | -        |
|             | 40       | $\vdash$  | $\vdash$   | -  | -            | ⊢            |  | Н        | $\vdash$   | $\dashv$ | <u> </u> | 89<br>90 | -        | Н        |          | -        |          | 4        | -        | +        | $\dashv$ | $\vdash$  | 139      | -                  |               | +      | ┼              | ├-       | $\vdash \dashv$ | -+       | $\dashv$ |
|             | 41       | <u> </u>  | -  | $\vdash$   | $\vdash$     | $\vdash$     | $\vdash$   | Н        | $\vdash$   | $\dashv$ | <u> </u> |          | $\vdash$ | Н        | $\dashv$ | -        |          |          |          | +        | $\dashv$ | <b> </b>  | 140      | +                  | +             | +      | 1              | $\vdash$ | $\vdash \vdash$ |          | _        |
|             |          | <u> </u>  | -  | <del>                                     </del> | $\vdash$     | $\vdash$     | $\vdash$   | Н        |  | $\dashv$ | <u> </u> | 91       | $\vdash$ | Н        | $\dashv$ | _        |          | _        |          | -        |          | <u> </u>  | 141      | $\perp$            | +             | +-     |                | <u> </u> | $\sqcup$        |          | _        |
| <u> </u>    | 42       | _         | $\vdash$   | ⊢  | ├            | ├-           | <u> </u>   | Н        | Н  | $\dashv$ |          | 92       | -        | Ш        | $\dashv$ |          | 4        | _        | _        | -        | 4        | $\vdash$  | 142      | $\vdash$           | +             | 4      | ₽              | <u> </u> | $\sqcup$        | _        | _        |
|             | 43       | <u> </u>  | $\vdash$   | ├  | ├            | $\vdash$     | $\vdash$   | Н        | $\vdash \vdash$                                  | $\dashv$ | <u> </u> | 93       | $\vdash$ | Н        | $\dashv$ | -        | -        | _        | $\dashv$ | $\dashv$ | $\dashv$ | <u> </u>  | 143      | $\vdash$           | - -           | 1      | 1              | L-       | $\vdash$        | $\dashv$ | _        |
|             | 44       | L         | $\vdash$   | <u> </u>   | <u> </u>     | $\vdash$     | $\vdash$   | Н        | $\vdash \vdash$                                  | _        | <u> </u> | 94       | $\vdash$ | Щ        | $\dashv$ | _        | _        | _        |          | $\dashv$ |          | $\vdash$  | 144      | $\dashv$           |               | +      | ↓_             | <u> </u> | $\sqcup$        | $\dashv$ | _        |
| <u></u>     | 45       | L         | $\vdash$   | <del>                                     </del> | <u> </u>     | $\vdash$     | $\vdash$   | Н        | $\vdash \vdash$                                  | $\dashv$ | ļ        | 95       | $\vdash$ | Щ        | $\sqcup$ | _        | _        |          |          | -        |          | $\vdash$  | 145      | $\dashv$           |               | +      | 1-             | -        | $\Box$          | _        | _        |
|             | 46       | -         | $\vdash$   | <u> </u>   | <u> </u>     | -            | ├  | Н        | Н  | $\dashv$ | -        | 96       |          | Щ        | $\sqcup$ |          | _        | _        | _        |          | 4        | $\vdash$  | 146      | $\dashv$           |               | 4-     | <del>↓</del> _ | <b> </b> |                 |          | _        |
| <u> </u>    | 47       | $\vdash$  | <u> </u>   | <u> </u>   | <u> </u>     |              | $\vdash$   | Щ        | $\sqcup$   | _        | <u> </u> | 97       | ļ        | Ш        | $\sqcup$ | _        | _        | _        | _        | 4        | _        | $\vdash$  | 147      | $\perp$            |               | _      | -              | L        |                 | _        | {        |
| <u> </u>    | 48       | L         | L  | $\vdash$   | <u> </u>     | <b> </b>     | L.   | Щ        | $\Box$   | $\dashv$ | <u> </u> | 98       | Ш        | Ш        | $\Box$   | _        | _        | _        | _        | $\perp$  | _        | $\vdash$  | 148      | $\sqcup$           | $\bot$        | _      | _              |          | Щ               | _        |          |
|             | 49       | _         | <u> </u>   | L  | _            | <b>—</b>     | $\vdash$   | <u> </u> |  | 4        | <u> </u> | 99       | Щ        | Щ        |          | _        | _        | _        | 4        | $\perp$  | _        | $\coprod$ | 149      | $\perp$            | -             | 1      | $\perp$        | Щ        |                 |          | $\dashv$ |
|             | 50       | ᆫ         |  | <u></u>  | L            | <u>L</u> .   |  |          |  |          |          | 100      |          |          |          |          |          |          |          |          |          |           | 150      | $oldsymbol{\perp}$ | $\perp$       |        | L.             |          |                 | $\perp$  |          |